

## **CLASS TITLE: CHIEF DIVISION OF DRINKING WATER QUALITY**

**Class Code: 02987500**

**Pay Grade: 39A**

**EO: B**

### **CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** To plan and administer a program of sanitary engineering for the purpose of assuring the safety of public and private drinking water supplies, public swimming pools, bottled water, and consumable ice in the state; and to do related work as required.

**SUPERVISION RECEIVED:** Works under the broad direction of the Associate Director of Health for Environmental Health exercising largely independent judgement and initiative in carrying out the activities of the program.

**SUPERVISION EXERCISED:** Plans, organizes, coordinates, supervises and evaluates the work of professionals, sub-professionals and others engaged in the program.

### **ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

To plan and administer a program of public drinking water supply control designed to provide the people of the state with safe drinking water.

To plan and administer a program to monitor private well water supplies in the vicinity of hazardous waste sites and to assist homeowners regarding the quality of groundwater supplies.

To plan and administer a program to insure safe and sanitary public swimming pools in the state.

To plan and administer a program to insure sanitary and potable bottled water and consumable ice in the state.

To plan and supervise the making of surveys to determine the sanitary condition of public water supplies in the state, and the existence of hazards which may cause contamination; to direct the collection of samples of water for chemical, bacteriological, and radiological analyses and upon basis of findings to initiate remedial action.

To supervise and participate in carrying out the provisions of law relating to drinking water supplies by promoting the establishment of public water supply systems in areas where existing private sources of supply are unsafe or inadequate or of poor physical or chemical character.

To examine and evaluate plans for the development of new public water supply sources and public swimming pools and make recommendations thereon.

To make recommendations to town councils, water commissioners, or other units of local government, or private corporations, involving expenditures of funds for water treatment equipment, covers for reservoirs, the removal of unsafe interconnections of water supplies; to order improvement, if necessary.

To certify to the United States Environmental Protection Agency the sanitary quality of public water supplies and the sanitation of watering points used by interstate carriers.

To draft state regulations covering the design and operation of public swimming pools.

To draft public drinking water, bottled water, and ice plant regulations for the state.

To do related work as required.

### **REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** A thorough knowledge of principles and practices of sanitary engineering as they relate to drinking water supply control; the ability to apply such principles and practices; the ability to read and interpret complex engineering plans and specifications relating to public water supply facilities and public swimming pools; the ability to plan, organize, supervise, and review the work of professional and sub-professional personnel engaged in said programs; the ability to interpret the

laws and regulations relating to the public drinking water sources of the state; the ability to communicate with public officials and representatives of private industry to gain their cooperation in adopting water supply control facilities; and related capacities and abilities.

**EDUCATION AND EXPERIENCE:**

Education: Such as may have been gained through: graduation from a college of recognized standing with specialization in Sanitary Engineering, Chemical Engineering, or Civil Engineering with a sanitary option; and a Master's Degree in Sanitary Engineering or Public Health Engineering.

Experience: Such as may have been gained through: employment in a responsible supervisory position in the field of Sanitary Engineering.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

SPECIAL REQUIREMENT: At the time of appointment must possess a certificate of a Registered Professional Engineer issued by the Rhode Island State Board of Registration for Professional Engineers and Land Surveyors and must maintain such certification as a condition of employment.

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